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- 17, Beautiful Cistus (*Cistus formosus*) and Connaught Heath (*Menziesia Polifolia* of Jussieu)  
 18, Ovate leaved Phlox (*Phlox ovata*) flowering  
 19, Cuckoo (*Cuculus Canorus*) yet calling.

### METEOROLOGICAL REPORT.

*From May 20, till June 20.*

WITHIN the memory of many inhabitants of Belfast, the Western shore of Belfast harbour was a hard sand, on which they could walk dry at low water (some old people say they used to go from the Point Fields to the White House point) the same places are now covered with deep mud, the only way of accounting for this, is by the wind having driven for a series of years, a large quantity of wreck in upon the shore, which, on putrifying, has produced the present mud. From observations on the winds for some years, it would appear that something like a periodical revolution takes place, and from the more than usual steadiness of the wind towards the East, driving in a strong surge, there is reason to believe many parts of the shore will soon be free from the mud as before, for some parts this last season are become visibly more sandy.

May 21, . . . .	Wet, with hail and thunder.
22, . . . .	Wet morning, a fine day.
23, . . . .	Wet morning, middle dry, evening wet.
24, . . . .	Wet.
25, 31, . . .	Fine dry days.
June 1, 3 . . .	Fine.
4, . . . .	Heavy showers, and some thunder in the morning.
5, . . . .	Fine.
6, 10, . . .	Dark cold day.
12, . . . .	Heavy shower in the evening.
13, . . . .	Light showers.
14, 17, . . .	Fine dry days.
18, . . . .	Light rain.
19, . . . .	Wet.
20, . . . .	Fine.

Notwithstanding the changes which have taken place, the Barometer has been almost stationary at 30 inches.

The lowest state of the Thermometer was on the 22d of May, when it stood at 46; the rest of the time it was as high as usual for the season, the highest was on the morning of the 3d of June, when it stood at 63.

The wind has had an Easterly direction for the most part of our last period, being N.E. 10; S.E. 5; E. 1; S.W. 7; N.W. 6 times.

### CELESTIAL PHENOMENA.

FOR JULY 1810.

ON the first of the month we have new Moon at six minutes past ten in the evening, but without producing an eclipse.

5th, She is under the first of the Lion, but past the line drawn through the third and first, and produced. She is directing her course under the body of the Lion, to the five stars in the triangle in the Virgin.

10th, She is seen between the first of the Virgin, and the two first stars of the Balance, but nearest to the former star, above her is the tenth of the Virgin. At nine she is 62 deg. 40 min. from the first of the Lion, and 37½ deg. from Antares.

15th, She is on the Meridian at 19 min. past 11, P.M. the small stars in the head of the Archer being under her, and the two first stars of the Goat, to which she is directing her course, being considerably to the East of her. At nine she is 68 deg. 28 min. from the first Pegasus, and 36 deg. 3 min. from Andromeda.

22th, She rises under the four stars in the square, in the space between the lines, drawn through the two eastern, and the two western of these stars and produced, but she does not before sunrise, reach the line drawn through the two eastern stars.

24<sup>th</sup>, She rises under the line between the first three stars of the *Ran*, and the *Pleiades*, but nearest to the latter stars.

31<sup>st</sup>, We shall have new moon at eleven min. past ten, A.M. but without producing an eclipse, as she is upwards of 4 deg south of the *Ecliptic*.

*Mercury* is a morning star during this month, being stationary on the second, and at his greatest elongation on the thirteenth. At first he is too near the horizon to be visible, but for a few days before, and after the thirteenth, he will arrest the attention of the early riser, and give, with *Jupiter* and *Aldebaran*, brilliancy to the eastern sky. The moon passes him on the 30<sup>th</sup>.

*Venus* is an evening star, and will be seen soon after sun-set, in the W.N.W. Her motion is direct through about 37 deg. being at first near to, but to the east of the *Nebula*, between the third and fourth of the *Crab*, and finishing her course under the second of the *Lion*, at a point between the 18<sup>th</sup> and 22<sup>d</sup> of this constellation. The moon passes her on the fourth.

*Mars* is a morning star, too near the sun to be visible till towards the latter end of the month, when he will catch the attention of a few observers, being then under the two first stars of the *Twins*. The moon passes him on the 1<sup>st</sup>.

*Jupiter* is a morning star, increasing his duration above the horizon, before sun-rise every morning. His motion is direct through above 5½ deg and he passes early in this month, the line between the *Pleiades*, and the first of the *Whale*, being very considerably nearer to the former stars. The moon passes him on the 25<sup>th</sup>.

*Saturn* passes our meridian at 55 min. past nine on the first, and at 38 min. past eight, on the 19<sup>th</sup>, his motion is retrograde through 1½ deg. When he is on the meridian on the first, we may perceive below him, *Antares* to the west; and the group formed by him, *Antares*, and the second star of the *Scorpion*, will, by almost imperceptible variations every night, show the slow motion of this planet. The moon passes him on the 13<sup>th</sup>.

*Herschell* is an evening star, and we shall be guided to him by the first of the *Balance*, and as he is stationary on the 17<sup>th</sup>, we cannot fail of discovering him to the west of this star, from which he is slowly receding. The moon passes him on the 11<sup>th</sup>.

#### ECLIPSES OF JUPITER'S SATELLITES.

1st SATELLITE.				2d SATELLITE.				3d SATELLITE.							
Immersion.				Immersion.											
DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.	DAYS.	H.	M.	S.
2	3	38	25	1	19	33	17	6	13	24	50 Im.				
3	22	6	57	5	8	51	52	6	15	25	7 E.				
5	16	35	25	8	22	9	45	13	17	24	55 Im.				
7	11	3	57	12	11	28	24	13	19	25	10 E.				
9	5	32	24	16	0	46	17	20	21	24	37 Im.				
11	0	0	55	19	14	5	0	20	23	25	6 E.				
12	18	29	22	23	3	22	54	28	1	24	24 Im.				
14	12	57	52	26	16	41	41	28	3	25	8 E.				
16	7	26	17	30	5	59	36								
18	1	54	47												
19	20	23	13												

Look to the right hand.\*

\* First Satellite Continued.

21	14	51	41
23	9	20	6
25	3	48	34
26	22	16	58
28	16	45	26
30	11	13	50

#### ERRATA IN PAGE 311, VOL. 3.

- Col. 1, l. 25, for *Kittaco* read *Kittaco*.  
*Gymothorac* read *Gymnothorax*.  
 38, *Fistulari* read *Fistularia*.  
 43, *Vesperitilis* read *Vespertilio*.  
 44, *novo* read *nova*.  
 Col. 2, l. 2, *Pleuronectes* read *Pleuronectes*.  
 7, *Aracabu* read *Aracabu*.  
 10, *Koosa* read *Koosu*.  
 11, *Priste* read *Pristi*.  
 22, *Jaina* read *Jaino*.  
 33, *arma* read *armata*.

- Col. 2, l. 35, *Spyrcena* read *Sphyræna*.  
 37, *Orikotschi* read *Okikotschi*.  
 49, *Firasi Sombor* read *Firasi Scomber*.  
 P. 4, p. 441, l. 23, *Goldfishes* read *Goldfish*.  
 Page 331, 1st col. 24th line, for *larencies* read *larænes*. Page 371, 2d col. 11th line, for *Eustalgia* read *Nostalgia*.